

FEB 17 2004

OFFICIAL

**ZAGORIN, O'BRIEN & GRAHAM, L.L.P.***Intellectual Property Attorneys*7600B N. CAPITAL OF TEXAS HWY, SUITE 350  
AUSTIN, TEXAS 78731**FACSIMILE TRANSMITTAL TO USPTO**

<b>To:</b> Mail Stop AF Commissioner for Patents	<b>Fax No.:</b> (703) 872-9306 <b>Phone No.:</b> (703) 308-1202
<b>Date:</b> February 17, 2004	<b>Pages:</b> 22 (including this sheet)
<b>From:</b> Edward J. Marshall	<b>Sender's Phone No.:</b> 512-338-6300 <b>Sender's Fax No.:</b> 512-338-6301

**REGARDING:**

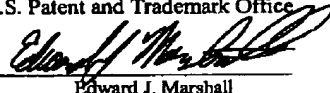
<b>Title:</b>	MEMORY AND APPARATUS FOR POWERING DOWN THE CPU/MEMORY CONTROLLER COMPLEX WHILE PRESERVING THE SELF REFRESH STATE OF MEMORY IN THE SYSTEM		
<b>Application No.:</b>	09/584,301	<b>Filed:</b>	May 31, 2000
<b>Examiner:</b>	Thang H. Ho	<b>Group Art Unit:</b>	2188
<b>Atty. Docket No.:</b>	1001-0119	<b>Confirmation No.:</b>	3171

**ATTACHED HERETO:**

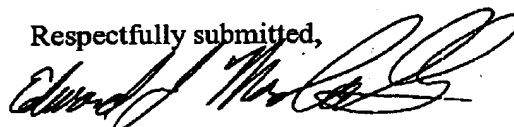
- (1) Response to final Office action (17 pages);
- (2) Transmittal Sheet (2 pages) in duplicate

**CERTIFICATE OF FACSIMILE TRANSMISSION**

I hereby certify that, on the date shown below, this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office.

  
Edward J. Marshall2/17/04  
Date

Respectfully submitted,



Edward J. Marshall, Reg. No. 45,395  
Attorney for Applicant  
(512) 338-6321  
(512) 338-6301 (fax)

The information contained in and transmitted with this facsimile message is **CONFIDENTIAL** and intended only for the official use of the United States Patent and Trademark Office (USPTO). If you, the reader of this message, are not the intended recipient (identified above) or an agent responsible for delivery to the intended recipient, you are hereby notified that you have received this information in error and that any review, dissemination, destruction or copying thereof is strictly prohibited. If you have received this information in error, please notify us immediately by telephone at (512) 338-6300 and we will arrange for return of the original message. Thank you.

**ZAGORIN, O'BRIEN & GRAHAM, L.L.P.**7600B N. CAPITAL OF TEXAS HWY, SUITE 350  
AUSTIN, TEXAS 78731-1191

INTELLECTUAL PROPERTY ATTORNEYS

512-338-6300 (TEL)  
512-338-6301 (FAX)INTERNET: [www.ip-counsel.com](http://www.ip-counsel.com)

February 17, 2004

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**TRANSMITTAL SHEET**Applicant: Frank P. Helms  
Title: MEMORY AND APPARATUS FOR POWERING DOWN THE CPU/MEMORY  
CONTROLLER COMPLEX WHILE PRESERVING THE SELF REFRESH STATE  
OF MEMORY IN THE SYSTEMApplication No.: 09/584,301  
Atty. Docket No.: 1001-0119Filed: May 31, 2000  
Client Ref. No.: TT3375

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- ☒ Response to Final Office action (17 page(s))  
☐ Petition for Extension of Time (      month ) (      page(s))  
☐ Information Disclosure Statement (      page(s)), including PTO Form 1449  
     (      page(s)), and copies of      reference(s)  
☐ Other: (      page(s))  
☐ Other: (      page(s))  
☐ Other: (      page(s))  
☒ Transmittal Letter (2 pages), in duplicate;  
☐ Return postcard;

The Total Fee has been calculated as shown below:

	Claims After Amendment	Claims Previously Paid	Extra Claims	Fees
Total Claims	23	- 28 =	0 x \$18.00 =	0.00
Independent Claims	7	- 6 =	1 x \$86.00 =	86.00
Multiple Dependent Claims (if any) - \$290.00 fee				
Additional Claims Fee				\$ 86.00
Fee For Extension Of Time				
Other Fees: (      )				
<b>TOTAL FEE DUE:</b>				<b>\$ 86.00</b>

- ☐ Applicant is, or has established status as, a small entity.  
☐ A check is enclosed for the Total Fee shown above.  
☒ Please charge the Total Fee shown above to Deposit Account 01-0365.  
☒ The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. § 1.16 or 1.17 which may be required during the pendency of this application, and to similarly credit any overpayment, to Deposit Account 01-0365.

ZAGORIN, O'BRIEN &amp; GRAHAM, L.L.P.

Commissioner for Patents

February 17, 2004

RE: 09/584,301

Page 2 of 2

**CERTIFICATE OF MAILING OR TRANSMISSION**

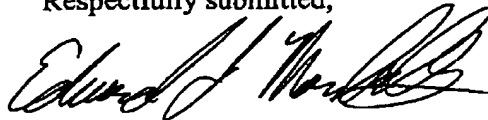
I hereby certify that, on the date shown below, this correspondence is being

- ☐ deposited with the US Postal Service with sufficient postage as first class mail, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
- ☒ facsimile transmitted to the US Patent and Trademark Office.

*Edward J. Marshall* 2/17/04  
Edward J. Marshall Date

EXPRESS MAIL LABEL: \_\_\_\_\_

Respectfully submitted,



Edward J. Marshall, Reg. No. 45,395

Attorney for Applicant

(512) 338-6321

(512) 338-6301 (fax)

Please enter TA 2/27/04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED  
CENTRAL FAX CENTER

FEB 17 2004

OFFICIAL

Applicant(s): Frank P. Helms

Title: MEMORY AND APPARATUS FOR POWERING DOWN THE  
CPU/MEMORY CONTROLLER COMPLEX WHILE PRESERVING THE  
SELF REFRESH STATE OF MEMORY IN THE SYSTEM

Application No.: 09/584,301 ✓

Filed: May 31, 2000 ✓

Examiner: Thang H. Ho

Group Art Unit: 2188

Atty. Docket No.: 1001-0119

Confirmation No.: 3171

February 17, 2004

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**RESPONSE TO OFFICE ACTION**

This paper is responsive to a final Office action dated December 16, 2003, having a shortened statutory period for response set to expire March 16, 2004. Because February 16, 2004 falls on a holiday, the 2 month period for response expires February 17, 2004. In light of the Amendments and/or Remarks herein, further examination is requested.

Please amend the above-identified application as follows: